

Goat anti-FLAP / ALOX5AP (internal), Biotinylated Antibody

Item Number	dAP-3339
Target Molecule	Principle Name: FLAP / ALOX5AP (internal), Biotinylated; Official Symbol: ALOX5AP; All Names and Symbols: ALOX5AP; arachidonate 5-lipoxygenase-activating protein; FLAP; MK-886-binding protein; Accession Number (s): NP_001620.2; NP_001191335.1; Human Gene ID(s): 241; Non-Human GeneID(s):
Immunogen	HKVEHESRTQNGR., is from internal region This antibody is expected to recognize both reported isoforms (NP_001620.2; NP_001191335.1).
Applications	Pep ELISA, WB, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Approx 16kDa band observed in lysates of cell line U937 (calculated MW of 18.2kDa according to NP_001620.2). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): Kaaman M, Rydén M, Axelsson T, Nordström E, Sicard A, Bouloumié A, Langin D, Arner P, Dahlman I. ALOX5AP expression, but not gene haplotypes, is associated with obesity and insulin resistance. International journal of obesity (2005) 2006 Mar 30 (3): 447-52..PMID: 16261187->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**